

CNV-2005 Material Master - MRP Views

In Progress

Status	In Progress
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Stakeholders	GERVAIS, Pascal NICASTRI-ext, Michele

Purpose

The purpose of this document is to define the conversion approach to create 2005 - Material Master MRP views in S/4 HANA.

Material Master - MRP Views are now used to make some of the Planning activities in both systems (PF2 & WP2). Most of the materials used in the planning process have these views updated, as they contain relevant information about the planning process. The aim is to get the conversion into S4 HANA in a standard way, so it can be used in the new planning processes already defined by the functional team and validated with the business.

While PF2 and WP2 serve as source systems, extensive mapping and transformation logic will be necessary to produce properly formatted load templates in line with the target design.

The data from legacy system may include:

1. Uncleansed data or duplicated records

The data from legacy system excludes:

1. All materials flagged for deletion
2. Any blocked or obsolete materials
3. Any inactive materials that are out of scope

Conversion Scope

The scope of this document covers the approach for converting active from Legacy Source Systems into S/4HANA following the Master Data Design Standard.

The data from legacy system includes:

1. Materials > 3 years active
2. Materials used in BOMS
3. Materials used in Recipes
4. Materials used in Planning Process

The data from legacy system excludes:

1. All materials flagged for deletion
2. Any blocked or obsolete materials
3. Any inactive materials that are out of scope

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
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PF2	Material Master MRP views will be extracted from source systems. An initial extract of the relevant data will be provided in Google Sheet format to assist business in decision making on including any relevant data from Source Systems.	750,0000	S4 HANA	600,000 After cleansing
WP2	Material Master MRP views will be extracted from source systems. An initial extract of the relevant data will be provided in Google Sheet format to assist business in decision making on including any relevant data from Source Systems.	500,000	S4 HANA	600,000 After cleansing For both systems

Additional Information

Multi-language Requirement

Consider all languages in Scope for the Material Master (MAKT) system

Legal Requirement

N/A

Special Requirements

N/A

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement	MRP Profile
MARA	MEINS	MEINS	Unit of measure in which stock of the material is managed.	UNIT	3	C	
MARC	DISGR	DISGR	The MRP group contains all the materials from the point of view of MRP for assigning special control parameters for the total planning run.	CHAR	4	C	
MARC	EKGRP	EKGRP	Key for a buyer or a group of buyers, who is/are responsible for certain purchasing activities.	CHAR	3	C	
MARC	MAABC	MAABC	Indicator that classifies a material as an A, B, or C part according to its consumption value.	CHAR	1	C	
MARC	MMSTA	MMSTA	Indicates whether, for a specific plant, the material may be used in specific areas.	CHAR	2	C	
MARC	MMSTD	MMSTD	Date from Which the Plant-Specific Material Status Is Valid	DATS	8	C	
MARC	DISMM	DISMM	Key that determines whether and how the material is planned.	CHAR	2	V1, V2, ND	
MARC	MINBE	MINBE	If the stock falls below this quantity, the system flags the material for requirements planning.	QUAN	13	C	
MARC	FXHOR	FXHOR	The planning time fence specifies a period within which no automatic changes are to be made to the master plan.	NUMC	3	NU	
MARC	LFPHY	LFPHY	Key that determines the day on which the material is planned and ordered.	CHAR	3	NU	
MARC	DISPO	DISPO	MRP Controller	CHAR	3	C	
MARC	DISLS	DISLS	Key that determines which lot-sizing procedure the system uses within materials planning to calculate the quantity to be procured or produced.	CHAR	2	C	
MARC	BSTMI	BSTMI	Minimum procurement quantity.	QUAN	13	C	
MARC	BSTMA	BSTMA	Quantity that is not allowed to be exceeded during procurement.	QUAN	13	C	

MARC	MABST	MABST	Quantity of the material in this plant that may not be exceeded.	QUAN	13	C	
MARC	TAKZT	TAKZT	The system uses the takt time if a requirement is covered by several receipt elements due to restrictions on lot size such as maximum lot size (with all lot-sizing procedures) or rounding value (with fixed lot size with splitting).	DEC	3	C	
MARC	AUSSS	AUSSS	Percentage scrap that occurs during production of the material if the material is an assembly.	DEC	5	C	
MARC	RDPFR	RDPFR	Key that the system uses to adjust the order proposal quantity to deliverable units.	CHAR	4	C	
MARC	BSTRF	BSTRF	Value to a multiple of which the system rounds up the procurement quantity.	QUAN	13	C	
MARC	DIBER	DIBER	The indicator is set by the system when one MRP area is defined for the material	CHAR	1	C	
MARC	BESKZ	BESKZ	Indicator that defines how the material is procured.	CHAR	1	C	
MARC	KZECH	KZECH	Defines when batches have to be determined when using the PP/WM interface.	CHAR	1	C	
MARC	SOBSL	SOBSL	Allows the definition of the procurement type more exactly.	CHAR	2	C	
MARC	LGPRO	LGPRO	In the case of a material produced in-house, this is the key of the storage location that is copied to the planned order, production order, or run schedule quantity.	CHAR	4	C	
MARC	RGEKZ	RGEKM	Determines whether the backflush indicator is set in the production order.	CHAR	1	C	
MARC	VSPVB	VSPVB	The supply area is used as an interim storage area on the shop floor which is used to provide materials directly at the production line.	CHAR	10	C	
MARC	FABKZ	FABKZ	Determines whether it is possible to generate JIT delivery schedules in addition to forecast schedules for a material specified in a purchase scheduling agreement.	CHAR	1	NU	
MARC	LGFSB	LGFSB	Key of the storage location that is proposed in the purchase requisition in materials planning for subsequent storage of the material.	CHAR	4	C	
MARC	EPRIO	BF_GROUP	A key for the stock determination strategy.	CHAR	4	C	
MARC	KZKUP	KZKUPMAT	The indicator determines that the material is a co-product	CHAR	1	C	
MARC	SCHGT	SCHGT	The indicator defines the material as bulk	CHAR	1	C	
MARC	DZEIT	DZEIT	Specifies the time in workdays needed to produce the material in-house.	DEC	3	C	
MARC	PLIFZ	PLIFZ	Number of calendar days needed to obtain the material or service if it is procured externally.	DEC	3	C	
MARC	WEBAZ	WEBAZ	Number of workdays required after receiving the material for inspection and placement into storage.	DEC	3	C	
MARC	MRPPP	MRPPP	Three-character number (numeric or using letters) that identifies a planning calendar in PPC (production planning and control).	CHAR	3	C	
MARC	FHORI	FHORI	Key that the system uses to determine the floats required for scheduling an order. You define the following floats with the scheduling margin key	CHAR	3	NU	
MARC	EISBE	EISBE	Specifies the quantity whose purpose is to satisfy unexpectedly high demand in the coverage period	QUAN	13	C	
MARC	LGRAD	LGRAD	Percentage specifying what proportion of the requirement is to be covered by the warehouse stock.	DEC	3	C	
MARC	RWPRO	RWPRO	The range of coverage profile contains the parameters for calculating the dynamic safety stock. This is a statistical calculation on the basis of average daily requirements.	CHAR	3	C	
MARC	EISLO	EISLO	The quantity that defines the lower limit for safety stock. This value cannot be exceeded.	QUAN	13	C	
MARC	SHFLG	SHFLG	You use this indicator to switch on the safety time actual range of coverage for a material in MRP.	CHAR	1	C	
MARC	SHZET	SHZET	In this field, you define the number of workdays for the safety time/actual range of coverage.	NUMC	2	C	
MARC	SHPRO	SHPRO	he period profile for the safety time / actual range of coverage contains the periods (stating to/from date) with the safety time/actual range of coverage that is valid for each period.	CHAR	3	C	
MARC	PERKZ	PERKZ	Indicator specifying the periods in which the material's consumption values and forecast values are managed.	CHAR	1	C	
MARC	PERIV	PERIV	The fiscal year variant is used to define the fiscal year.	CHAR	2	C	
MARC	AUFTL	AUFTL	Indicator that defines how the system splits forecast requirements into smaller time intervals where the MRP type is forecast-based planning and the period indicator is not "day".	CHAR	1	C	
MARC	STRGR	STRGR	The strategy group groups all the planning strategies that can be used for a particular material. The planning strategy represents the procedure used for planning a material and is (technically speaking) controlled by the MRP types	CHAR	2	C	
MARC	VINT1	VINT1	Determines the consumption period (in workdays) for backward consumption.	NUMC	3	C	
MARC	VRMOD	VRMOD	The consumption mode controls the direction on the time axis in which requirements are consumed.	CHAR	1	C	

MARC	VINT2	VINT2	Determines the consumption period (in workdays) for forward consumption.	NUMC	3	C	
MARC	MISKZ	MISKZ	Defines whether the material is available for Subassembly planning with final assembly, gross requirement planning, subassembly planning without final assembly	CHAR	1	C	
VBAP	VPMAT	VPMAT	Material number whose planned independent requirements the system uses to consume the sales order of the material in question if you use the planning strategy, "planning with planning material".	CHAR	18	C	
VBAP	VPWRK	VPWRK	Key which specifically identifies the plant from which the planned independent requirements of the reference material comes from	CHAR	4	C	
MDIP	VPREF	VPREF	Factor that the system uses to convert the quantity of the current material, measured in the base unit of measure, to the base unit quantity of the planning material.	CHAR	6	C	
MARA	MEINS	MEINS	Unit of measure in which stocks of the planning material are managed.	UNIT	3	C	
MARC	MTVFP	MTVFP	Specifies whether and how the system checks availability and generates requirements for materials planning.	CHAR	2	C	
MARC	WZEIT	WZEIT	The total replenishment lead time is the time needed before the product is completely available again, that is, after all BOM levels have been procured or produced. It is not calculated by the system, but defined in this field as the total of the in-house production time(s) and/or the planned delivery time(s) of the longest production path.	DEC	3	C	
MARC	KZPSP	KZPSP	The indicator determines if the system takes all stock and MRP-relevant units (inward /outward movement) in the project stock segments for all documents without account assignment into consideration.	CHAR	1	C	
MARC	STDPD	STDPD	Number uniquely identifying the configurable material	CHAR	18	C	
MARC	SBDKZ	SBDKZ	Indicator determining whether the individual or collective requirement is allowed for the dependent requirements of the material.	CHAR	1	NU	
MARC	KAUSF	KAUSF	Percentage of scrap that occurs during production of the material if the material is a component.	DEC	5	C	
MARC	VERKZ	CK_VERK1	The system flags the indicator if a production version exists	CHAR	1	C	
MARC	KZBED	KZBED	Defines whether the system groups together dependent requirements for the material on a daily basis when analyzing requirements planning.	CHAR	1	NU	
MARC	AHDIS	AHDIS	This indicator controls whether dependent requirements are relevant to MRP or not. Dependent requirements include dependent reservations and stock transfer requirements.	CHAR	1	NU	
MARC	KZAUS	KZAUS	Identifies the material as a part to be discontinued and includes it in the discontinued parts procedure in materials planning.	CHAR	1	NU	
MARC	AUSDT	AUSDT	Date from which the stocks of the material are to be used up. As soon as no more stock exists for this material, it is to be replaced by the follow-up material	DATS	8	NU	
MARC	NFMAT	NFMAT	Number of the material that the system uses in materials planning to replace the material to be discontinued once its warehouse stock is depleted.	CHAR	18	NU	
MARC	SAUFT	SA_SAUFT	Authorizes the material for repetitive manufacturing.	CHAR	1	NU	
MARC	SFEPR	SFEPR	Controls, via order type, whether you are working with make-to-order repetitive manufacturing, based on sales orders, or with make-to-stock repetitive manufacturing, based on no specific orders	CHAR	4	NU	
MARC	MDACH	MDACH	This key is used for the function "Actions in the planned order" and defines the sequence of the actions that can be carried out for the planned order.	CHAR	2	NU	

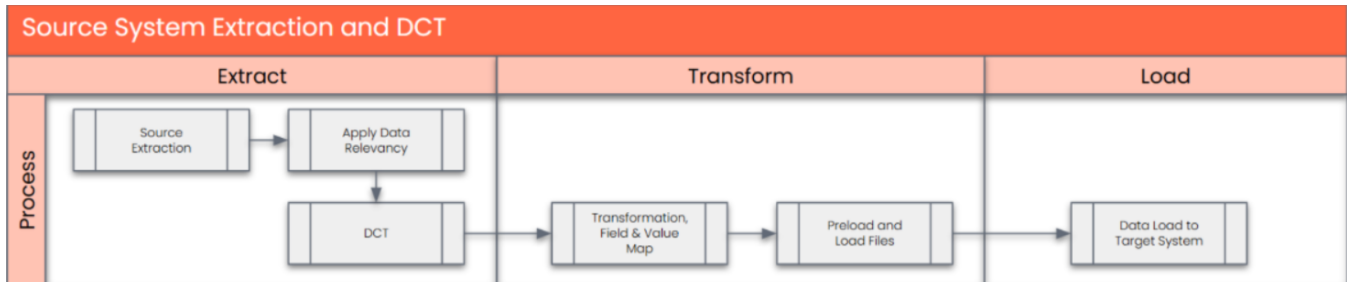
Data Cleansing

ID	Criticality	Error Message /Report Description	Rule	Output	Source System
01	2005-01	Active Materials	According to the Material definition and the material /Plant mapping, only active materials for the last 3 years are going to be migrated	Only active materials will be migrated	PF2 /WP2
02	2005-02	Material UOM	Check The new/ migrated UOM matches with the material Change Issue UOM in Work Scheduling View to match with Basic UOM /alternative UOM	Materials already maintained with the appropriate UOM	PF2 /WP2
03	2005-03	MRP Type Please check whether the materials has ND	Delete materials with NO procurement type, else ask the business to complete	No materials with ND MRP type has to be migrated	PF2 /WP2

04	2005-04	Material Lot Sizing Procedure	Change/ Update Lot Size accordingly	Lot size updated accordingly	PF2 /WP2
05	2005-05	Procurement Type (Check if Procurement type is correct /empty)	Delete materials with NO procurement type, else ask the business to complete	Procurement type updated accordingly to all materials to be migrated	PF2 /WP2
06	2005-06	MRP Controllers	Change/ Update MRP Controller as per the logic. For materials W/O Values, Check if material is valid or not, then update	MRP Controllers are updated for all materials	PF2 /WP2
07	2005-07	GR Processing Time	Change / Update GR Processing Time, according to the logic for each material. For materials w/o values, update accordingly	GR Processing time is updated according to the Governance rules	PF2 /WP2
08	2005-08	Availability Check Rule	Check Availability Check Rule in MRP 3 view. Check the logic and select the right one. For materials with KP Check rule, check validity, else change	Availability Check Rule must be checked in order to comply with the business rules and for all materials to be migrated	PF2 /WP2

Conversion Process

The high-level process is represented by the diagram below:



Data Privacy and Sensitivity

Extraction

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Extract data from a source into . There are 2 possibilities:

1. The data exists. connects to the source and loads the data into . There are 3 methods:
 - a. Perform full data extraction from relevant tables in the source system(s).
 - b. Perform extraction through the application layer.
 - c. Only if ; cannot connect to the source, data is loaded to the repository from the provided source system extract/report.
2. The data does not exist (or cannot be converted from its current state). The data is manually collected by the business directly in . This is to be conducted using DCT (Data Collection Template) in

The agreed Relevancy criteria is applied to the extracted records to identify the records that are applicable for the Target loads

Extraction Run Sheet

Req #	Requirement Description	Team Responsible
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1	Extract data from source system based on relevancy rule	SyWay Data Team
2	Google Sheet report pre-populated with PF2 and WP2 information to be generated based on relevancy criteria.	SyWay Data Team
3	Sinity will extract data and convert it into SQL data base ad share with the team	Sinity team
4	The data does not exist (or cannot be converted from its current state). The data is manually collected by the business directly in . This is to be conducted using DCT (Data Collection Template)	Data Team

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set

Data Collection Template (DCT)

Target Ready Data Collection Template will be created for data with exception of some fields which require transformation as mentioned in the transformation rule.

DCT Rules

Field Name	Field Description	Rule
1	Material Number	Rule must follow the Material / Plant combination as a result of the new Plant/Material Mapping for the S4 HANA system
2	Unit of measure	Materials need to be transformed with the updated Unit of Measure as a result of the transformation given.
3	MRP Type Please check whether the materials has ND	Transform the old values in the field for MRP type into de new one
4	Material Lot Sizing Procedure	Transform the existing Lot sizing procedure according with the new template value
5	Procurement Type	Check the rule for converting F/E/X materials
6	MRP Controllers	According with the Value Mapping Table for MRP Controllers / Material / PLant
7	GR Processing Time	According to the value mapping Material / PLant
8	Availability Check Rule	According to the value mapping Material / PLant

Extraction Dependencies

Item #	Step Description	Team Responsible
1	All material / Plant active materials need to be extracted from both systems, excluding ones on the Data cleansing rules	Sinity

Transformation

The Target fields are mapped to the applicable Legacy field that will be its source, this is a 3-way activity involving the Business, Functional team and Data team. This identifies the transformation activity required to allow to make the data Target ready:

1. Perform value mapping and data transformation rules.
 - a. Legacy values are mapped to the to-be values (this could include a default value)
 - b. Values are transformed according to the rules defined in
2. Prepare target-ready data in the structure and format that is required for loading via prescribed Load Tool. This step also produces the load data ready for business to perform Pre-load Data Validation

Transformation Run Sheet

Item #	Step Description	Team Responsible

Transformation Rules

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
	ECC QF2 /WP2	MARC	WERKS	Plant Number relevant for material / plant mapping	S4 HANA	MARC	WERKS	Plant Number relevant for material / plant mapping	Value Mapping for Plant (Enterprise Structure Book)
	ECC QF2 /WP2	MARA	MATNR	Material Number	S4 HANA	MARA	MATNR	Material <number	Value Mapping for Material / Plant
	ECC QF2 /WP2	MARA	MEINS	Unit of measure in which stock of the material is managed.	S4 HANA	MARA	MEINS	Unit of measure in which stock of the material is managed.	
	ECC QF2 /WP2	MARC	DISGR	The MRP group contains all the materials from the point of view of MRP for assigning special control parameters for the total planning run.	S4 HANA	MARC	DISGR	The MRP group contains all the materials from the point of view of MRP for assigning special control parameters for the total planning run.	
	ECC QF2 /WP2	MARC	EKGRP	Key for a buyer or a group of buyers, who is/are responsible for certain purchasing activities.	S4 HANA	MARC	EKGRP	Key for a buyer or a group of buyers, who is /are responsible for certain purchasing activities.	
	ECC QF2 /WP2	MARC	MAABC	Indicator that classifies a material as an A, B, or C part according to its consumption value.	S4 HANA	MARC	MAABC	Indicator that classifies a material as an A, B, or C part according to its consumption value.	
	ECC QF2 /WP2	MARC	MMSTA	Indicates whether, for a specific plant, the material may be used in specific areas.	S4 HANA	MARC	MMSTA	Indicates whether, for a specific plant, the material may be used in specific areas.	

ECC QF2 /WP2	MARC	MMSTD	Date from Which the Plant-Specific Material Status Is Valid	S4 HANA	MARC	MMSTD	Date from Which the Plant-Specific Material Status Is Valid	
ECC QF2 /WP2	MARC	DISMM	Key that determines whether and how the material is planned.	S4 HANA	MARC	DISMM	Key that determines whether and how the material is planned.	Value Mapping File for the MRP type per material/plant
ECC QF2 /WP2	MARC	MINBE	If the stock falls below this quantity, the system flags the material for requirements planning.	S4 HANA	MARC	MINBE	If the stock falls below this quantity, the system flags the material for requirements planning.	Value Mapping for the Reorder Point per material-Plant
ECC QF2 /WP2	MARC	FXHOR	The planning time fence specifies a period within which no automatic changes are to be made to the master plan.	S4 HANA	MARC	FXHOR	The planning time fence specifies a period within which no automatic changes are to be made to the master plan.	
ECC QF2 /WP2	MARC	LFRRHY	Key that determines the day on which the material is planned and ordered.	S4 HANA	MARC	LFRRHY	Key that determines the day on which the material is planned and ordered.	
ECC QF2 /WP2	MARC	DISPO	MRP Controller	S4 HANA	MARC	DISPO	MRP Controller	Value Mapping for the MRP controller per Material / Plant
ECC QF2 /WP2	MARC	DISLS	Key that determines which lot-sizing procedure the system uses within materials planning to calculate the quantity to be procured or produced.	S4 HANA	MARC	DISLS	Key that determines which lot-sizing procedure the system uses within materials planning to calculate the quantity to be procured or produced.	Value Mapping for the Lot Sizing Procedure for Material / Plant
ECC QF2 /WP2	MARC	BSTMI	Minimum procurement quantity.	S4 HANA	MARC	BSTMI	Minimum procurement quantity.	
ECC QF2 /WP2	MARC	BSTMA	Quantity that is not allowed to be exceeded during procurement.	S4 HANA	MARC	BSTMA	Quantity that is not allowed to be exceeded during procurement.	
ECC QF2 /WP2	MARC	MABST	Quantity of the material in this plant that may not be exceeded.	S4 HANA	MARC	MABST	Quantity of the material in this plant that may not be exceeded.	
ECC QF2 /WP2	MARC	TAKZT	The system uses the takt time if a requirement is covered by several receipt elements due to restrictions on lot size such as maximum lot size (with all lot-sizing procedures) or rounding value (with fixed lot size with splitting).	S4 HANA	MARC	TAKZT	The system uses the takt time if a requirement is covered by several receipt elements due to restrictions on lot size such as maximum lot size (with all lot-sizing procedures) or rounding value (with fixed lot size with splitting).	
ECC QF2 /WP2	MARC	AUSSS	Percentage scrap that occurs during production of the material if the material is an assembly.	S4 HANA	MARC	AUSSS	Percentage scrap that occurs during production of the material if the material is an assembly.	
ECC QF2 /WP2	MARC	RDPRF	Key that the system uses to adjust the order proposal quantity to deliverable units.	S4 HANA	MARC	RDPRF	Key that the system uses to adjust the order proposal quantity to deliverable units.	
ECC QF2 /WP2	MARC	BSTRF	Value to a multiple of which the system rounds up the procurement quantity.	S4 HANA	MARC	BSTRF	Value to a multiple of which the system rounds up the procurement quantity.	
ECC QF2 /WP2	MARC	DIBER	The indicator is set by the system when one MRP area is defined for the material	S4 HANA	MARC	DIBER	The indicator is set by the system when one MRP area is defined for the material	Value Mapping for the MRP Areas per Material / Plant

ECC QF2 /WP2	MARC	BESKZ	Indicator that defines how the material is procured.	S4 HANA	MARC	BESKZ	Indicator that defines how the material is procured.	F for all materials as it only applies for ZIND
ECC QF2 /WP2	MARC	KZECH	Defines when batches have to be determined when using the PP/WM interface.	S4 HANA	MARC	KZECH	Defines when batches have to be determined when using the PP/WM interface.	
ECC QF2 /WP2	MARC	SOBSL	Allows the definition of the procurement type more exactly.	S4 HANA	MARC	SOBSL	Allows the definition of the procurement type more exactly.	Value mapping for the Material/ Plant / Special Procurement
ECC QF2 /WP2	MARC	LGPRO	In the case of a material produced in-house, this is the key of the storage location that is copied to the planned order, production order, or run schedule quantity.	S4 HANA	MARC	LGPRO	In the case of a material produced in-house, this is the key of the storage location that is copied to the planned order, production order, or run schedule quantity.	Value Mapping for the Material / Plant / Lgort
ECC QF2 /WP2	MARC	RGEKZ	Determines whether the backflush indicator is set in the production order.	S4 HANA	MARC	RGEKZ	Determines whether the backflush indicator is set in the production order.	
ECC QF2 /WP2	MARC	VSPVB	The supply area is used as an interim storage area on the shop floor which is used to provide materials directly at the production line.	S4 HANA	MARC	VSPVB	The supply area is used as an interim storage area on the shop floor which is used to provide materials directly at the production line.	
ECC QF2 /WP2	MARC	FABKZ	Determines whether it is possible to generate JIT delivery schedules in addition to forecast schedules for a material specified in a purchase scheduling agreement.	S4 HANA	MARC	FABKZ	Determines whether it is possible to generate JIT delivery schedules in addition to forecast schedules for a material specified in a purchase scheduling agreement.	
ECC QF2 /WP2	MARC	LGFSB	Key of the storage location that is proposed in the purchase requisition in materials planning for subsequent storage of the material.	S4 HANA	MARC	LGFSB	Key of the storage location that is proposed in the purchase requisition in materials planning for subsequent storage of the material.	
ECC QF2 /WP2	MARC	EPRIO	A key for the stock determination strategy.	S4 HANA	MARC	EPRIO	A key for the stock determination strategy.	
ECC QF2 /WP2	MARC	KZKUP	The indicator determines that the material is a co-product	S4 HANA	MARC	KZKUP	The indicator determines that the material is a co-product	
ECC QF2 /WP2	MARC	SCHGT	The indicator defines the material as bulk	S4 HANA	MARC	SCHGT	The indicator defines the material as bulk	
ECC QF2 /WP2	MARC	DZEIT	Specifies the time in workdays needed to produce the material in-house.	S4 HANA	MARC	DZEIT	Specifies the time in workdays needed to produce the material in-house.	
ECC QF2 /WP2	MARC	PLIFZ	Number of calendar days needed to obtain the material or service if it is procured externally.	S4 HANA	MARC	PLIFZ	Number of calendar days needed to obtain the material or service if it is procured externally.	
ECC QF2 /WP2	MARC	WEBAZ	Number of workdays required after receiving the material for inspection and placement into storage.	S4 HANA	MARC	WEBAZ	Number of workdays required after receiving the material for inspection and placement into storage.	

ECC QF2 /WP2	MARC	MRPPP	Three-character number (numeric or using letters) that identifies a planning calendar in PPC (production planning and control).	S4 HANA	MARC	MRPPP	Three-character number (numeric or using letters) that identifies a planning calendar in PPC (production planning and control).	
ECC QF2 /WP2	MARC	FHORI	Key that the system uses to determine the floats required for scheduling an order. You define the following floats with the scheduling margin key	S4 HANA	MARC	FHORI	Key that the system uses to determine the floats required for scheduling an order. You define the following floats with the scheduling margin key	
ECC QF2 /WP2	MARC	EISBE	Specifies the quantity whose purpose is to satisfy unexpectedly high demand in the coverage period	S4 HANA	MARC	EISBE	Specifies the quantity whose purpose is to satisfy unexpectedly high demand in the coverage period	
ECC QF2 /WP2	MARC	LGRAD	Percentage specifying what proportion of the requirement is to be covered by the warehouse stock.	S4 HANA	MARC	LGRAD	Percentage specifying what proportion of the requirement is to be covered by the warehouse stock.	
ECC QF2 /WP2	MARC	RWPRO	The range of coverage profile contains the parameters for calculating the dynamic safety stock. This is a statistical calculation on the basis of average daily requirements.	S4 HANA	MARC	RWPRO	The range of coverage profile contains the parameters for calculating the dynamic safety stock. This is a statistical calculation on the basis of average daily requirements.	
ECC QF2 /WP2	MARC	EISLO	The quantity that defines the lower limit for safety stock. This value cannot be exceeded.	S4 HANA	MARC	EISLO	The quantity that defines the lower limit for safety stock. This value cannot be exceeded.	
ECC QF2 /WP2	MARC	SHFLG	You use this indicator to switch on the safety time actual range of coverage for a material in MRP.	S4 HANA	MARC	SHFLG	You use this indicator to switch on the safety time actual range of coverage for a material in MRP.	
ECC QF2 /WP2	MARC	SHZET	In this field, you define the number of workdays for the safety time/actual range of coverage.	S4 HANA	MARC	SHZET	In this field, you define the number of workdays for the safety time/actual range of coverage.	
ECC QF2 /WP2	MARC	SHPRO	he period profile for the safety time / actual range of coverage contains the periods (stating to/from date) with the safety time/actual range of coverage that is valid for each period.	S4 HANA	MARC	SHPRO	he period profile for the safety time / actual range of coverage contains the periods (stating to/from date) with the safety time/actual range of coverage that is valid for each period.	
ECC QF2 /WP2	MARC	PERKZ	Indicator specifying the periods in which the material's consumption values and forecast values are managed.	S4 HANA	MARC	PERKZ	Indicator specifying the periods in which the material's consumption values and forecast values are managed.	
ECC QF2 /WP2	MARC	PERIV	The fiscal year variant is used to define the fiscal year.	S4 HANA	MARC	PERIV	The fiscal year variant is used to define the fiscal year.	
ECC QF2 /WP2	MARC	AUFTL	Indicator that defines how the system splits forecast requirements into smaller time intervals where the MRP type is forecast-based planning and the period indicator is not "day".	S4 HANA	MARC	AUFTL	Indicator that defines how the system splits forecast requirements into smaller time intervals where the MRP type is forecast-based planning and the period indicator is not "day".	

ECC QF2 /WP2	MARC	STRGR	The strategy group groups all the planning strategies that can be used for a particular material. The planning strategy represents the procedure used for planning a material and is (technically speaking) controlled by the MRP types	S4 HANA	MARC	STRGR	The strategy group groups all the planning strategies that can be used for a particular material. The planning strategy represents the procedure used for planning a material and is (technically speaking) controlled by the MRP types	
ECC QF2 /WP2	MARC	VINT1	Determines the consumption period (in workdays) for backward consumption.	S4 HANA	MARC	VINT1	Determines the consumption period (in workdays) for backward consumption.	
ECC QF2 /WP2	MARC	VRMOD	The consumption mode controls the direction on the time axis in which requirements are consumed.	S4 HANA	MARC	VRMOD	The consumption mode controls the direction on the time axis in which requirements are consumed.	
ECC QF2 /WP2	MARC	VINT2	Determines the consumption period (in workdays) for forward consumption.	S4 HANA	MARC	VINT2	Determines the consumption period (in workdays) for forward consumption.	
ECC QF2 /WP2	MARC	MISKZ	Defines whether the material is available for Subassembly planning with final assembly, gross requirement planning, subassembly planning without final assembly	S4 HANA	MARC	MISKZ	Defines whether the material is available for Subassembly planning with final assembly, gross requirement planning, subassembly planning without final assembly	
ECC QF2 /WP2	VBAP	VPMAT	Material number whose planned independent requirements the system uses to consume the sales order of the material in question if you use the planning strategy, "planning with planning material".	S4 HANA	VBAP	VPMAT	Material number whose planned independent requirements the system uses to consume the sales order of the material in question if you use the planning strategy, "planning with planning material".	
ECC QF2 /WP2	VBAP	VPWRK	Key which specifically identifies the plant from which the planned independent requirements of the reference material comes from	S4 HANA	VBAP	VPWRK	Key which specifically identifies the plant from which the planned independent requirements of the reference material comes from	
ECC QF2 /WP2	MDIP	VPREF	Factor that the system uses to convert the quantity of the current material, measured in the base unit of measure, to the base unit quantity of the planning material.	S4 HANA	MDIP	VPREF	Factor that the system uses to convert the quantity of the current material, measured in the base unit of measure, to the base unit quantity of the planning material.	
ECC QF2 /WP2	MARA	MEINS	Unit of measure in which stocks of the planning material are managed.	S4 HANA	MARA	MEINS	Unit of measure in which stocks of the planning material are managed.	
ECC QF2 /WP2	MARC	MTVFP	Specifies whether and how the system checks availability and generates requirements for materials planning.	S4 HANA	MARC	MTVFP	Specifies whether and how the system checks availability and generates requirements for materials planning.	

ECC QF2 /WP2	MARC	WZEIT	The total replenishment lead time is the time needed before the product is completely available again, that is, after all BOM levels have been procured or produced. It is not calculated by the system, but defined in this field as the total of the in-house production time (s) and/or the planned delivery time(s) of the longest production path.	S4 HANA	MARC	WZEIT	The total replenishment lead time is the time needed before the product is completely available again, that is, after all BOM levels have been procured or produced. It is not calculated by the system, but defined in this field as the total of the in-house production time(s) and/or the planned delivery time(s) of the longest production path.	
ECC QF2 /WP2	MARC	KZPSP	The indicator determines if the system takes all stock and MRP-relevant units (inward/outward movement) in the project stock segments for all documents without account assignment into consideration.	S4 HANA	MARC	KZPSP	The indicator determines if the system takes all stock and MRP-relevant units (inward/outward movement) in the project stock segments for all documents without account assignment into consideration.	
ECC QF2 /WP2	MARC	STDPD	Number uniquely identifying the configurable material	S4 HANA	MARC	STDPD	Number uniquely identifying the configurable material	
ECC QF2 /WP2	MARC	SBDKZ	Indicator determining whether the individual or collective requirement is allowed for the dependent requirements of the material.	S4 HANA	MARC	SBDKZ	Indicator determining whether the individual or collective requirement is allowed for the dependent requirements of the material.	
ECC QF2 /WP2	MARC	KAUSF	Percentage of scrap that occurs during production of the material if the material is a component.	S4 HANA	MARC	KAUSF	Percentage of scrap that occurs during production of the material if the material is a component.	
ECC QF2 /WP2	MARC	VERKZ	The system flags the indicator if a production version exists	S4 HANA	MARC	VERKZ	The system flags the indicator if a production version exists	
ECC QF2 /WP2	MARC	KZBED	Defines whether the system groups together dependent requirements for the material on a daily basis when analyzing requirements planning.	S4 HANA	MARC	KZBED	Defines whether the system groups together dependent requirements for the material on a daily basis when analyzing requirements planning.	
ECC QF2 /WP2	MARC	AHDIS	This indicator controls whether dependent requirements are relevant to MRP or not. Dependent requirements include dependent reservations and stock transfer requirements.	S4 HANA	MARC	AHDIS	This indicator controls whether dependent requirements are relevant to MRP or not. Dependent requirements include dependent reservations and stock transfer requirements.	
ECC QF2 /WP2	MARC	KZAUS	Identifies the material as a part to be discontinued and includes it in the discontinued parts procedure in materials planning.	S4 HANA	MARC	KZAUS	Identifies the material as a part to be discontinued and includes it in the discontinued parts procedure in materials planning.	

ECC QF2 /WP2	MARC	AUSDT	Date from which the stocks of the material are to be used up. As soon as no more stock exists for this material, it is to be replaced by the follow-up material	S4 HANA	MARC	AUSDT	Date from which the stocks of the material are to be used up. As soon as no more stock exists for this material, it is to be replaced by the follow-up material
ECC QF2 /WP2	MARC	NFMAT	Number of the material that the system uses in materials planning to replace the material to be discontinued once its warehouse stock is depleted.	S4 HANA	MARC	NFMAT	Number of the material that the system uses in materials planning to replace the material to be discontinued once its warehouse stock is depleted.
ECC QF2 /WP2	MARC	SAUFT	Authorizes the material for repetitive manufacturing.	S4 HANA	MARC	SAUFT	Authorizes the material for repetitive manufacturing.
ECC QF2 /WP2	MARC	SFEPR	Controls, via order type, whether you are working with make-to-order repetitive manufacturing, based on sales orders, or with make-to-stock repetitive manufacturing, based on no specific orders	S4 HANA	MARC	SFEPR	Controls, via order type, whether you are working with make-to-order repetitive manufacturing, based on sales orders, or with make-to-stock repetitive manufacturing, based on no specific orders
ECC QF2 /WP2	MARC	MDACH	This key is used for the function "Actions in the planned order" and defines the sequence of the actions that can be carried out for the planned order.	S4 HANA	MARC	MDACH	This key is used for the function "Actions in the planned order" and defines the sequence of the actions that can be carried out for the planned order.

Transformation Mapping

Mapping Table Name	Mapping Table Description

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible

Pre-Load Validation

Project Team

Completeness

Task	Action

Accuracy

Task	Action

Business

Completeness

Task	Action

Accuracy

Task	Action

Load

The load process includes:

1. Execute the automated data load into target system using load tool or product the load file if the load must be done manually
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation

Load Run Sheet

Item #	Step Description	Team Responsible

Load Phase and Dependencies

Configuration

Item #	Configuration Item

Conversion Objects

Object #	Preceding Object Conversion Approach
	list the exact title of the conversion object of only the immediate predecessor – this will then confirm the DDD (Data Dependency Diagram)

Error Handling

Error Type	Error Description	Action Taken

Post-Load Validation

Project Team

Completeness

Task	Action

Accuracy

Task	Action

Business

Completeness

Task	Action

Accuracy

Task	Action

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- is in scope based on data design and any exception requested by business.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 9)	Sep 02, 2025 09:58	CASTRO MONCAYO-ext, Jose Luis	
v. 8	Aug 20, 2025 17:43	CASTRO MONCAYO-ext, Jose Luis	
v. 7	Aug 06, 2025 02:34	CASTRO MONCAYO-ext, Jose Luis	Target Design, cleansing plan, conversion process, extraction process
v. 6	Jul 03, 2025 11:34	CASTRO MONCAYO-ext, Jose Luis	
v. 5	Jun 13, 2025 10:58	CASTRO MONCAYO-ext, Jose Luis	

v. 4	Jun 13, 2025 10:40	CASTRO MONCAYO-ext, Jose Luis
v. 3	Jun 13, 2025 10:38	CASTRO MONCAYO-ext, Jose Luis
v. 2	Jun 13, 2025 10:30	CASTRO MONCAYO-ext, Jose Luis
v. 1	Jun 13, 2025 10:29	CASTRO MONCAYO-ext, Jose Luis

Workflow history

Title	Last Updated By	Updated	Status
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There are no pages at the moment.

Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

From Jun 13, 2025 to Sep 02, 2025	Actor	Type	Activity	Version
	 CASTRO MONCAYO-ext, Jose Luis	Edit	updated the page at 10:30 AM	
	 CASTRO MONCAYO-ext, Jose Luis	Edit	created the page at 10:29 AM	